

Abstract of the Disclosure

A fiber optic cable includes an outer jacket, a first core tube positioned within the outer jacket, and a first plurality of optical fibers positioned within the first core tube, wherein the cross-sectional area of the first plurality of optical fibers is less than 60 percent of the cross-sectional inside area of the first core tube and wherein the length of each optical fiber in the first plurality of optical fibers is between 1.0 and 1.001 times the length of the first core tube.